

Agenda
EPA-CPG Meeting - 17-mile LPRSA RI/FS
Exposure Depth
February 6, 2015

- Introductory Remarks
- River Characteristics
- Salinity as a Biological Organizer
- Benthic Community - Fish Interactions
- Benthic Community Exposure Zone
- Meeting Summary

o Follow-on Actions & Meetings

CPA Presentation

- Leaf litter major source of high POC loading
→ figure based on modeled results
- High flows
- Salinity as a biological organizer
 - salinity changes on daily and seasonal basis, WRM 4-13
- River is pretty typical for a salt wedge estuary
except for TOC + leaf litter
- Can't apply one scenario to entire river as it varies ← this according to M. Johns
- Plank system is ~~dominated~~ dominated by
shallow feeding detritivores
- Camp video - take top ~1 cm, inhale sed. through mouth, demand
waste out gills.

Not Responsive

check
w/ present Statement: organisms not necessarily feeling deep, even if
their tube goes deeper.

Thickness of RPD - said Present making a faulty
assumption, check

- would the burrows try to go below the leaf-litter
layer, which CPA says is ~15cm.
- how soft/compressible is this layer?
- Check season of Dec 2005 post-pilot dredge survey

Hudson - 4 cm
Horseshoe - 2 cm
Crosse - 2 cm

First layer - water column
[3] correlate → shows
accuracy of their model

[3] in top 2 cm is higher than
in first layer

Not Responsive

Not Responsive

wed - 11th

EPA-CPC: Benthic Community Exposure
Depth for the Lower Passaic River
Meeting, 2/6/2015

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